| Ind | ex of | Claims | ; |
|-----|-------|--------|---|
|     |       |        |   |

| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 10/009,835      | OHKOUCHI ET AL. |  |
| Examiner        | Art Unit        |  |
| James M Spear   | 1615            |  |

| <b>√</b> | Rejected |
|----------|----------|
|          | Allowed  |

| - | (Through numeral)<br>Canc lled |  |  |  |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|--|--|--|
| + | Restricted                     |  |  |  |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |          |              |  |                | Dat          | te_          |          |              |             | Cla      | Claim Date |          |          |          |              |          |              |          |          |          | CI       | Date       |          |         |          |                |                 |          |              |   |
|----------|----------|----------|--------------|--|----------------|--------------|--------------|----------|--------------|-------------|----------|------------|----------|----------|----------|--------------|----------|--------------|----------|----------|----------|----------|------------|----------|---------|----------|----------------|-----------------|----------|--------------|---|
| Final    | Original | 2/11/0   |              |  |                |              |              |          |              |             | Final    | Original   |          |          |          |              |          |              |          |          |          | Final    | Original   |          |         |          |                |                 |          |              |   |
|          | 1        | ۲        | +            | t  | T              | t            | $^{\dagger}$ | +        | 1            | Н           |          | 51         | $\vdash$ |          | $\dashv$ | -+           | 寸        | $\dashv$     | 寸        | -        | $\dashv$ |          | 101        |          | $\top$  | 1        | 1              | Н               | ヿ        | $\top$       | _ |
|          | 2        |          | 1            |  | T              |              | T            |          | 1            | П           |          | 52         |          |          |          | $\neg$       | $\dashv$ | 7            | $\dashv$ |          |          |          | 102        | $\vdash$ | 1       |          |                | H               | ヿ        | T.,          | _ |
|          | 3        |          |              |  |                |              |              |          |              |             |          | 53         |          |          |          |              |          | $\Box$       | $\Box$   |          |          |          | 103        |          |         | <u> </u> |                |                 |          | $\Box$       | _ |
|          | 4        | Ľ.       |              | L  |                |              | <u> </u>     |          |              |             |          | 54         |          |          |          |              |          |              |          |          |          |          | 104        |          |         |          |                | Ш               |          |              |   |
|          | 5        | _        | ļ.,          |  | <u> </u>       |              | _            | <u> </u> | _            | Ш           |          | 55         |          |          | _        |              | _        | $\perp$      |          |          | _        |          | 105        | Ц.       | _       |          | _              | Ш               |          | _            |   |
| <u></u>  | 6.       | ↓_       | 4_           | <u> </u>   | _              | ┞            | ╀-           | 1        | ╄-           | Ш           |          | 56         | _        | $\perp$  | 4        | _            | 4        | 4            |          |          |          |          | 106        |          | $\bot$  | 1        |                |                 | $\dashv$ | $\dashv$     | _ |
|          | 7        | -        | -            | -  | ┡              | ╄            | ╄            | ╄        | <del> </del> | $\vdash$    |          | 57         | <u> </u> |          | -        | -            |          | $\dashv$     |          | -        | _        |          | 107        | $\perp$  | ╀       | ┼        | ├              | $\vdash$        | $\dashv$ | $\dashv$     | _ |
|          | 8        | -        | -            | ┿  | ├              | ╄            | ╁            | +-       | ╀            | <del></del> |          | 58<br>59   | H        |          | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | _        | <u> </u> | 108<br>109 | +        | +       | $\vdash$ | ┢              | H               | $\dashv$ | +            | _ |
|          | 9<br>10  | +        | ╁            | ╁  | ⊢              | ╁            | ╀            | ╁        | ┼-           | $\vdash$    |          | 60         | -        | $\vdash$ | $\dashv$ | -            | -        | $\dashv$     | +        | $\dashv$ |          |          | 110        | +        | ╫       | ╁        | ╁              | H               | $\dashv$ | +            | _ |
|          | 11       | ┼        | +-           | ╁  | ╁              | ╁            | ╁╌           | ╬        | +            | -           |          | 61         |          | -+       | $\dashv$ | ╅            | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | -        | $\vdash$ | 111        |          | ╁╴      | +        | <del>  -</del> | _               | $\dashv$ | $\dashv$     | _ |
| $\vdash$ | 12       | $\vdash$ | t            | $\vdash$   |                | $\vdash$     | +            | +        | +            | $\forall$   |          | 62         | H        | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | ┪        | $\dashv$ | $\vdash$ | 112        | $\vdash$ | +       | +        | <del> </del>   | H               | -        | $\dashv$     |   |
|          | 13       | 1        | $\dagger$    | <del>                                     </del> | 1              | ╁            | T            | +        | +            | $\forall$   |          | 63         | Т        | $\Box$   | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |          | 113        |          | +       | +        | 1              | П               | $\dashv$ | $\dashv$     | _ |
|          | 14       | T        | T            | 1  |                | T            | T            | T        |              | $\sqcap$    |          | 64         | П        |          | .        | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |          | 114        |          | 1       | 1        | 1              | П               | $\dashv$ | 十            | _ |
|          | 15       |          |              |  |                |              | T            | 1.       |              | П           |          | 65         |          |          | $\neg$   | $\neg$       |          |              | T        |          |          |          | 115        |          |         |          |                |                 | $\neg$   |              | _ |
|          | 16       |          |              |  |                |              |              |          |              |             |          | 66         |          |          |          | 1            |          |              |          |          |          |          | 116        |          |         |          |                |                 | $\Box$   |              |   |
|          | 17       |          |              |  |                |              |              |          |              | Ш           |          | 67         |          |          | $\perp$  | $\perp$      |          |              |          |          |          |          | 117        | $\perp$  | 1       |          |                |                 |          |              |   |
|          | 18       | <u> </u> | ↓_           | L  | 乚              | <u> </u>     | _            | ╙        | <u> </u>     |             |          | 68         | L        | $\perp$  | _        | _            | _        | _            | _        |          | _        |          | 118        |          | $\perp$ | _        | _              |                 | _        |              |   |
| Ļ        | 19       | Ξ        | _            | <u> </u>   | <u> </u>       | ↓_           | 1            | ↓        | ↓_           | Ш           |          | 69         |          | _        | _        | _            | 4        | _            | _        | _        | _        | ļ        | 119        |          | ╄       | ┺        | <u> </u>       |                 | 4        | _            | _ |
| 3        | 20       | 4        | +-           | <u> </u>   | <del> </del> _ | <del> </del> | _            | ↓_       | ـــ          | $\vdash$    |          | 70         | _        | $\dashv$ | -        | -            |          | 4            | _        |          | _        |          | 120        |          | +       | ╄        | <u> </u>       |                 | _        | $\dashv$     | _ |
| 3        | 21       | #        | 1            | ├  | ⊢              | ╄            | +-           | +        | +            | Н           | -        | 71         |          | -        | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     | -        | -        | _        | -        | 121        | $\perp$  | ╄       | ╀        | ┢              | Н               | $\dashv$ | _            | _ |
| 4        | 22       | +}-      | ╄            | ├  | <del> </del> - |              | ╀            | ╁        | ┼            |             |          | 72<br>73   | -        |          |          | -            |          |              | +        | $\dashv$ |          |          | 122<br>123 |          | ┿       | ┼        | ├              |                 |          | -            | _ |
| 12       | 24       | ╫        | ┼-           | ╁╾   | <del> </del> − | -            | ╀            | +-       | ╁            | H           | -        | 74         |          |          | -+       | $\dashv$     | -        | $\dashv$     |          |          | -        |          | 123        |          | ╁       | ╁╌       | ├              | Н               | $\dashv$ | -            | - |
| 6        | 25       | ++       | ╁            | ╁╾   | ╁              | ╁            | ╁            | ╁        | ┼            | 1           | -        | 75         |          | -        | $\dashv$ | +            | -        | $\dashv$     | +        | $\dashv$ |          | <b> </b> | 125        |          | ╁╴      | ╁        | ╫              | $\vdash$        | $\dashv$ | +            | - |
| 2        | 26       | H        | ┼            | <del> </del>                                     | ┼─             | ╁            | ╁            | +        | -            | $\vdash$    |          | 76         |          | $\dashv$ | $\dashv$ | $\dashv$     | -        | -            | +        |          | $\dashv$ | -        | 126        | $\dashv$ | ╁╴      | ╁        | ╁              | $\vdash$        | $\dashv$ | $\dashv$     | _ |
| 8        | 27       | Ħ        | $\vdash$     | H  | $\vdash$       | t            | $\vdash$     | +        | ╁            | $\vdash$    |          | 77         |          | $\dashv$ | 十        | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | Ħ        | $\dashv$ |          | 127        | $\top$   | +       | T        | $\vdash$       |                 | 寸        | $\dashv$     | _ |
| 10       | 28       | H        | 1            |  | T              |              | t            | T        | T            |             |          | 78         |          | $\Box$   | $\dashv$ | $\dashv$     | $\dashv$ |              | $\dashv$ |          | _        |          | 128        |          | $\top$  | 1        |                |                 | $\neg$   | $\top$       |   |
| 11       | 29       | П        |              | Т  | 1 -            |              | 1            | 1        |              |             |          | 79         |          |          | $\neg$   |              | $\neg$   |              |          |          |          |          | 129        |          | $\top$  |          |                | П               |          |              | _ |
| 12       | 30       |          |              | Π  |                |              | Т            | T        | 1            |             |          | 80         |          |          | $\neg$   |              |          |              |          |          |          |          | 130        |          | T       | Т        |                |                 |          |              | _ |
| 13       | 31       | W        | 1            |  |                |              |              | $\Box$   |              |             |          | 81         |          |          |          | $\Box$       |          |              |          |          |          |          | 131        |          |         |          |                |                 |          |              |   |
| 14       | 32       |          | 1_           | _  | _              |              | _            |          | _            |             | <u></u>  | 82         |          |          | $\perp$  | _            | $\perp$  |              |          | _        | _        |          | 132        |          | _       | <u> </u> |                | $\Box$          |          |              |   |
|          | 33       | _        | ↓_           | _  | <del> </del> _ | Ļ.           | <u> </u>     | 1        | ــــ         | $\Box$      |          | 83         |          | _        | 4        | 4            | _        | _            | 4        | _        | _        |          | 133        | _        | 4       | _        | L              | $\sqcup$        | _        | _            | _ |
|          | 34       | $\vdash$ |              | ├_   | $\vdash$       |              | ╄            | 1        | $\vdash$     | $\vdash$    | -        | 84         | Н        | 4        | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | 4        | _        | <u> </u> | 134        |          | +-      |          | <del> </del>   | $\vdash \vdash$ |          | +            |   |
|          | 35<br>36 | $\vdash$ | $\vdash$     |  | $\vdash$       | ╀            | +            | +        | ⊢            | H           |          | 85<br>86   | Н        | $\dashv$ | +        | $\dashv$     | $\dashv$ | +            | $\dashv$ | 4        | $\dashv$ | <u> </u> | 135<br>136 | -+       | +       | +        |                | $\vdash \vdash$ | $\dashv$ | +            | _ |
|          | 37       | $\vdash$ | ╀            | -  |                | -            | -            | 1        | -            | H           |          | 87         | Н        | -        | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | -        |          | <u> </u> | 137        |          | +       | ┿        | ⊢              | $\vdash$        |          |              |   |
|          | 38       | ╁        | $\vdash$     | -  | -              | ┼            | ┼-           | +        | ┼            | Н           |          | 88         | Н        | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     |          | -        | $\dashv$ | -        | 138        | +        | +       | +        | ┢              | $\vdash$        | $\dashv$ | +            |   |
|          | 39       | ╁╌       | ╁╴           | -  | ├-             | -            | +            | +        | +-           | -           |          | 89         | -        | -        | +        | -            | +        | $\dashv$     | +        | -        |          | -        | 139        |          | +-      | ╁╌       | -              |                 | $\dashv$ | -            | _ |
| 1        | 40       | ╁        | ╁            |  | $\vdash$       | t            | 1            | 1        | H            | Н           |          | 90         | Н        | _        | $\dashv$ | +            | $\dashv$ | +            | +        | +        | $\dashv$ | <b>-</b> | 140        |          | +       | +-       | -              | $\vdash$        | $\dashv$ | $\dashv$     | _ |
|          | 41       | $\vdash$ | $\vdash$     | $\vdash$   | 1              | †            | $\dagger$    | ╁        | +-           | H           |          | 91         | H        | $\dashv$ | 十        | $\dashv$     | +        | $\dashv$     | -        | $\dashv$ | -        | 1        | 141        | $\vdash$ | $\top$  | T        |                | Н               | $\dashv$ | +            | _ |
|          | 42       | $\vdash$ | T            | <b>†</b>   |                | 1            | †            | 1        | T            | $\Box$      |          | 92         | П        | 寸        | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$     | 1        | 7        | $\neg$   |          | 142        |          | $\top$  | T        | $\vdash$       | $\sqcap$        | 一        | $\top$       | _ |
|          | 43       | I        | Г            | L  |                | Γ            | T            | I        |              |             |          | 93         |          | $\Box$   | 丁        | _            |          | Ì            |          |          |          |          | 143        |          | T       | $I^-$    |                |                 |          | $_{\perp}$   | _ |
|          | 44       |          | L            |  |                |              |              |          |              |             |          | 94         |          |          |          |              |          |              |          |          |          |          | 144        |          | Ι       |          |                |                 | $\Box$   | $oxed{oxed}$ |   |
|          | 45       | $\Box$   |              |  |                |              |              |          |              |             |          | 95         |          | $\Box$   | $\perp$  | I            | $\Box$   | $\Box$       | $\Box$   | $\Box$   |          |          | 145        |          |         |          |                |                 |          | $\bot$       |   |
|          | 46       | L        | <u> </u>     | Щ  |                | 1_           | <u> </u>     | $\perp$  | $\perp$      | $\sqcup$    |          | 96         | Щ        | $\perp$  | $\perp$  | _[           | $\perp$  | _[           | $\Box$   | $\Box$   |          |          | 146        |          |         |          | <u> </u>       | $\sqcup$        | [        | _            | _ |
|          | 47       | _        | <del> </del> | <u> </u>   | <u> </u>       | ļ.,          | $\vdash$     | 1_       | <u> </u>     | Ш           | <u> </u> | 97         | Ш        | _        | _        | $\downarrow$ | 4        | $\downarrow$ | _        | $\dashv$ | _        |          | 147        | $\perp$  | $\perp$ | ـــــ    | _              | $\sqcup$        | _        | 4            | _ |
|          | 48       | -        | $\vdash$     | <u> </u>   | <u> </u>       | 1            | 1            | $\vdash$ | 1            | $\sqcup$    | $\vdash$ | 98         | Щ        | _        | 4        | 4            | 4        | 4            | $\dashv$ | _        | _        |          | 148        |          | $\bot$  | _        | <u> </u>       |                 | _        | $\dashv$     | _ |
| <u> </u> | 49       | -        |              | <del> </del> —                                   | 1              | 1-           | $\vdash$     | ╄        | <del> </del> | $\vdash$    |          | 99         | $\vdash$ | -+       | -        | $\dashv$     | $\dashv$ | $\dashv$     | -        | _        | $\dashv$ |          | 149        | $\perp$  | +-      | -        | <u> </u>       |                 |          |              | _ |
|          | 50       | <u> </u> | 1            |  | <u> </u>       |              |              | <u>L</u> |              | ш           | L        | 100        |          |          | L        |              |          |              | _ 1      | _ 1      |          | 1        | 150        |          | 1_      | L        |                |                 |          | $\perp$      |   |